

Saeed Heidari keshel

List of Publications by Year in descending order

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82
papers

1,643
citations

257101

24
h-index

360668

35
g-index

85
all docs

85
docs citations

85
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	Types of neural guides and using nanotechnology for peripheral nerve reconstruction. International Journal of Nanomedicine, 2010, 5, 839.	3.3	99
2	Chitosanâ€“Cross-Linked Nanofibrous PHBV Nerve Guide for Rat Sciatic Nerve Regeneration Across a Defect Bridge. ASAIO Journal, 2013, 59, 651-659.	0.9	66
3	A nanofibrous PHBV tube with Schwann cell as artificial nerve graft contributing to Rat sciatic nerve regeneration across a 30-mm defect bridge. Cell Communication and Adhesion, 2013, 20, 41-49.	1.0	58
4	Oriented nanofibrous silk as a natural scaffold for ocular epithelial regeneration. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 1139-1151.	1.9	57
5	The Healing Effect of Stem Cells Loaded in Nanofibrous Scaffolds on Full Thickness Skin Defects. Journal of Biomedical Nanotechnology, 2013, 9, 1471-1482.	0.5	56
6	The healing effect of unrestricted somatic stem cells loaded in collagen-modified nanofibrous PHBV scaffold on full-thickness skin defects. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 210-216.	1.9	52
7	3D-Printed membrane as an alternative to amniotic membrane for ocular surface/conjunctival defect reconstruction: An inÂvitro & inÂvivo study. Biomaterials, 2018, 174, 95-112.	5.7	51
8	Corneal stromal regeneration by hybrid oriented poly ($\hat{\mu}$ -caprolactone)/lyophilized silk fibroin electrospun scaffold. International Journal of Biological Macromolecules, 2020, 161, 377-388.	3.6	51
9	Dental pulp stem cells differentiation into retinal ganglion-like cells in a three dimensional network. Biochemical and Biophysical Research Communications, 2015, 457, 154-160.	1.0	43
10	The relationship between cellular adhesion and surface roughness for polyurethane modified by microwave plasma radiation. International Journal of Nanomedicine, 2011, 6, 641.	3.3	42
11	Regeneration of Full-Thickness Skin Defects Using Umbilical Cord Blood Stem Cells Loaded into Modified Porous Scaffolds. ASAIO Journal, 2014, 60, 106-114.	0.9	42
12	Cellular Response of Limbal Stem Cells on Polycaprolactone Nanofibrous Scaffolds for Ocular Epithelial Regeneration. Current Eye Research, 2016, 41, 1-8.	0.7	40
13	Behavioral evaluation of regenerated rat sciatic nerve by a nanofibrous PHBV conduit filled with Schwann cells as artificial nerve graft. Cell Communication and Adhesion, 2013, 20, 93-103.	1.0	37
14	Rat Sciatic Nerve Reconstruction Across a 30 mm Defect Bridged by an Oriented Porous PHBV Tube With Schwann Cell as Artificial Nerve Graft. ASAIO Journal, 2014, 60, 224-233.	0.9	33
15	The effect of the carbodiimide cross-linker on the structural and biocompatibility properties of collagen-chondroitin sulfate electrospun mat. International Journal of Nanomedicine, 2018, Volume 13, 4405-4416.	3.3	33
16	Quince seed mucilage-based scaffold as a smart biological substrate to mimic mechanobiological behavior of skin and promote fibroblasts proliferation and h-ASCs differentiation into keratinocytes. International Journal of Biological Macromolecules, 2020, 142, 668-679.	3.6	33
17	Human unrestricted somatic stem cells loaded in nanofibrous PCL scaffold and their healing effect on skin defects. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1556-1560.	1.9	29
18	Use of polycaprolactone in corneal tissue engineering: A review. Materials Today Communications, 2021, 27, 102402.	0.9	29

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19	Functionalization of carboxylated multiwall nanotubes with imidazole derivatives and their toxicity investigations. <i>International Journal of Nanomedicine</i> , 2010, 5, 907.	3.3	27
20	Design of a decellularized fish skin as a biological scaffold for skin tissue regeneration. <i>Tissue and Cell</i> , 2021, 71, 101509.	1.0	27
21	Nanofibrous nerve conduits for repair of 30-mm-long sciatic nerve defects. <i>Neural Regeneration Research</i> , 2013, 8, 2266-74.	1.6	27
22	Gelatin-Modified Nanofibrous PHBV Tube as Artificial Nerve Graft for Rat Sciatic Nerve Regeneration. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 330-336.	1.8	26
23	Fabrication of 3D hybrid scaffold by combination technique of electrospinning-like and freeze-drying to create mechanotransduction signals and mimic extracellular matrix function of skin. <i>Materials Science and Engineering C</i> , 2021, 120, 111752.	3.8	26
24	Preparation of Nanoparticle-Containing Ring-Implanted Poly(Vinyl Alcohol) Contact Lens for Sustained Release of Hyaluronic Acid. <i>Macromolecular Bioscience</i> , 2021, 21, e2100043.	2.1	26
25	The Healing Effect of Unrestricted Somatic Stem Cells Loaded in Nanofibrous Poly Hydroxybutyrate-Co-Hydroxyvalerate Scaffold on Full-Thickness Skin Defects. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 20-27.	0.0	26
26	Cellular Response of Stem Cells on Nanofibrous Scaffold for Ocular Surface Bioengineering. <i>ASAIO Journal</i> , 2015, 61, 605-612.	0.9	25
27	Cell engineering: nanometric grafting of poly-N-isopropylacrylamide onto polystyrene film by different doses of gamma radiation. <i>International Journal of Nanomedicine</i> , 2010, 5, 549.	3.3	23
28	Efficacy of nanofibrous conduits in repair of long-segment sciatic nerve defects. <i>Neural Regeneration Research</i> , 2013, 8, 2501-9.	1.6	22
29	Bone formation in calvarial defects by injectable nanoparticulate scaffold loaded with stem cells. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1653-1662.	1.4	21
30	Evaluation of unrestricted somatic stem cells as a feeder layer to support undifferentiated embryonic stem cells. <i>Molecular Reproduction and Development</i> , 2012, 79, 709-718.	1.0	20
31	Electrospun Poly (3-Hydroxybutyrate-co-3-Hydroxyvalerate)/Hydroxyapatite Scaffold With Unrestricted Somatic Stem Cells for Bone Regeneration. <i>ASAIO Journal</i> , 2015, 61, 357-365.	0.9	20
32	The progress in corneal translational medicine. <i>Biomaterials Science</i> , 2020, 8, 6469-6504.	2.6	20
33	Alginate nanoparticles as ocular drug delivery carriers. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102889.	1.4	20
34	Design of Oriented Porous PHBV Scaffold as a Neural Guide. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 753-757.	1.8	19
35	Electrospun mat with eyelid fat-derived stem cells as a scaffold for ocular epithelial regeneration. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 120-127.	1.9	19
36	Applications of Iron Oxide Nanoparticles against Breast Cancer. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-12.	1.5	19

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37	<i>In vivo</i> assessment of a nanofibrous silk tube as nerve guide for sciatic nerve regeneration. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 394-401.	1.9	18
38	The interplay between extracellular matrix and progenitor/stem cells during wound healing: Opportunities and future directions. Acta Histochemica, 2021, 123, 151785.	0.9	18
39	Safety of intraparenchymal injection of allogenic placenta mesenchymal stem cells derived exosome in patients undergoing decompressive craniectomy following malignant middle cerebral artery infarct, a pilot randomized clinical trial. International Journal of Preventive Medicine, 2022, 13, 7.	0.2	18
40	Development of chitosan-crosslinked nanofibrous PHBV guide for repair of nerve defects. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 385-391.	1.9	17
41	Design of Novel 3D-Scaffold as a Potential Material to Induct Epidermal-Dermal Keratinocytes of Human-Adipose-Derived Stem Cells and Promote Fibroblast Cells Proliferation for Skin Regeneration. Fibers and Polymers, 2020, 21, 33-44.	1.1	17
42	Bone reconstruction in rat calvarial defects by chitosan/hydroxyapatite nanoparticles scaffold loaded with unrestricted somatic stem cells. Artificial Cells, Nanomedicine and Biotechnology, 2015, 43, 112-116.	1.9	16
43	The effect of glutaraldehyde cross-linker on structural and biocompatibility properties of collagen-chondroitin sulfate electrospun mat. Materials Technology, 2018, 33, 253-261.	1.5	16
44	Stem Cell Niche Microenvironment: Review. Bioengineering, 2021, 8, 108.	1.6	16
45	Therapeutic role of mesenchymal stem cell-derived exosomes in respiratory disease. Stem Cell Research and Therapy, 2022, 13, 194.	2.4	15
46	Co-Treatment with Sulforaphane and Nano-Metformin Molecules Accelerates Apoptosis in HER2+ Breast Cancer Cells by Inhibiting Key Molecules. Nutrition and Cancer, 2020, 72, 835-848.	0.9	14
47	Derivation of epithelial-like cells from eyelid fat-derived stem cells in thermosensitive hydrogel. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 339-350.	1.9	13
48	Effect of sintering temperature rise from 870 to 920 Å°C on physicommechanical and biological quality of nano-hydroxyapatite: An explorative multi-phase experimental in vitro/vivo study. Materials Science and Engineering C, 2017, 77, 142-150.	3.8	12
49	Stem Cell-Derived Exosomes as Treatment for Stroke: a Systematic Review. Stem Cell Reviews and Reports, 2021, 17, 428-438.	1.7	12
50	Umbilical Cord Mesenchymal Stem/Stromal Cells Potential to Treat Organ Disorders; An Emerging Strategy. Current Stem Cell Research and Therapy, 2022, 17, 126-146.	0.6	11
51	Functionalization and Toxicity Effect of Multi-walled Carbon Nanotubes with Urea Derivatives<i>via</i>Microwave Irradiation. Fullerenes Nanotubes and Carbon Nanostructures, 2013, 21, 568-578.	1.0	10
52	The effect of extracellular matrix remodeling on material-based strategies for bone regeneration: Review article. Tissue and Cell, 2022, 76, 101748.	1.0	10
53	Electro-spun polyethylene terephthalate (PET) mat as a keratoprosthesis skirt and its cellular study. Fibers and Polymers, 2017, 18, 1545-1553.	1.1	9
54	Unrestricted somatic stem cells, as a novel feeder layer: Ex vivo culture of human limbal stem cells. Journal of Cellular Biochemistry, 2018, 119, 2666-2678.	1.2	9

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55	A comprehensive review on methods for promotion of mechanical features and biodegradation rate in amniotic membrane scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2022, 33, 32.	1.7	9
56	Regression of corneal neovascularization: Adiponectin versus bevacizumab eye drops. <i>European Journal of Ophthalmology</i> , 2021, 31, 78-82.	0.7	8
57	The promise of regenerative medicine in the treatment of urogenital disorders. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1747-1759.	2.1	7
58	Effects of Platelet-Rich Fibrin/Collagen Membrane on Sciatic Nerve Regeneration. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 794-798.	0.3	7
59	Healing effect of acellular fish skin with plasma rich in growth factor on full-thickness skin defects. <i>International Wound Journal</i> , 2022, 19, 2154-2162.	1.3	7
60	Synthesis, characterization, and toxicity of multi-walled carbon nanotubes functionalized with 4-hydroxyquinazoline. <i>Carbon Letters</i> , 2016, 17, 45-52.	3.3	6
61	Synthesis and evaluation of multi-wall carbon nanotube-paclitaxel complex as an anti-cancer agent. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2016, 9, 197-204.	0.6	6
62	Promoting keratocyte stem like cell proliferation and differentiation by aligned polycaprolactone-silk fibroin fibers containing Aloe vera. , 2022, 137, 212840.		5
63	Culture and maintenance of neural progressive cells on cellulose acetate/graphene-gold nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 63-75.	3.6	5
64	ZNF797 plays an oncogenic role in gastric cancer. <i>Genetics and Molecular Research</i> , 2014, 13, 8421-8427.	0.3	4
65	Human endometrial adult stem cells can be differentiated into hepatocyte cells. <i>Journal of Medical Hypotheses and Ideas</i> , 2014, 8, 30-33.	0.7	4
66	Post-photorefractive Keratectomy Pain and Corneal Sub-basal Nerve Density. <i>Journal of Ophthalmic and Vision Research</i> , 2017, 12, 151-155.	0.7	4
67	Human amniotic membrane, best healing accelerator, and the choice of bone induction for vestibuloplasty technique (an animal study). <i>Transplant Research and Risk Management</i> , 2010, , 1.	0.7	3
68	Solvent effect in phase separation for fabrication of micropatterned porous scaffold sheets. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 351-357.	1.8	3
69	Synthesis of thermogel modified with biomaterials as carrier for hUSSCs differentiation into cardiac cells: Physicomechanical and biological assessment. <i>Materials Science and Engineering C</i> , 2021, 119, 111517.	3.8	3
70	Efficacy of mesenchymal stromal cells and cellular products in improvement of symptoms for COVID-19 and similar lung diseases. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2168-2183.	1.7	3
71	Bio-polymeric hydrogels for regeneration of corneal epithelial tissue*. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 0, , 1-18.	1.8	3
72	Design of Curcumin-Loaded Electrospun Polyhydroxybutyrate Mat as a Wound Healing Material. <i>Nano Biomedicine and Engineering</i> , 2020, 12, .	0.3	3

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73	Scaffolds for corneal tissue engineering. , 2019, , 649-672.		2
74	Will stem cells from fat and growth factors from blood bring new hope to female patients with reproductive disorders?. Reproductive Biology, 2021, 21, 100472.	0.9	2
75	Cell-based Therapy for Ocular Disorders: A Promising Frontier. Current Stem Cell Research and Therapy, 2022, 17, 147-165.	0.6	2
76	Photo Cross-linkable Biopolymers for Cornea Tissue Healing. Current Stem Cell Research and Therapy, 2022, 17, 58-70.	0.6	2
77	Absolute quantification of free tumor cells in the peripheral blood of gastric cancer patients. Genetics and Molecular Research, 2014, 13, 4425-4432.	0.3	2
78	Scaffolds for intraocular lens. , 2019, , 693-709.		1
79	Alginate Microcapsules as Nutrient Suppliers: An In Vitro Study. Cell Journal, 2018, 20, 25-30.	0.2	1
80	Role of Schwann Cells in Preservation of Retinal Tissue Through Reduction of Oxidative Stress. Medical Hypothesis, Discovery, and Innovation in Ophthalmology, 2019, 8, 323-332.	0.4	1
81	Retinal Tissue Engineering: Regenerative and Drug Delivery Approaches. Current Stem Cell Research and Therapy, 2023, 18, 608-640.	0.6	1
82	Simple design of an aligned transparent biofilm by magnetic particles and its cellular study. Polymers for Advanced Technologies, 2017, 28, 805-810.	1.6	0